

# STREAM | jockey Satellite Radio | Products

## Sound System Deluxe Portable Boom Box



### Rotating Console

CD player and AM/FM radio on side - Satellite radio receiver and remote control on the flip side!

- › CD Player with CDRW and MP3 Playback
- › AM/FM Radio with 10 Presets

## Instruction Manual

## Model XS027

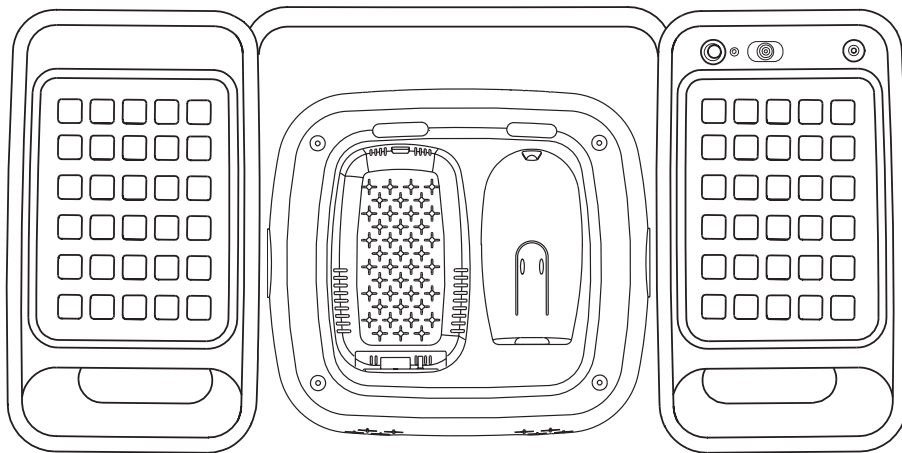
To activate your Satellite Radio Receiver or for latest news and questions regarding SIRIUS® Satellite Radio service visit [sirius.com](http://sirius.com) or call 1-888-539-SIRIUS (7474).

For accessory & product information visit us at [www.getxact.com](http://www.getxact.com).

# XACT™

**SIRIUS**  
SATELLITE RADIO

# KEEP ON LISTENING



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the Manufacturer for compliance could void the user's authority to operate the equipment.

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# SAFETY PRECAUTIONS



## Cautions and Warnings

Follow these warnings and safety considerations, serious accidents and/or personal injury can be avoided:

1. Within the home, do not install the Sound System Deluxe Portable Boom Box in a position that obstructs viewing of any home entertainment component, such as television or stereo system indicators and displays.
2. Do not install or use the Sound System Deluxe Portable Boom Box in locations exposed to direct sunlight, or in areas subject to extreme temperatures; do not operate the unit in moist areas, in rain, or in areas adjacent to water such as pools, hot tubs, etc.
3. When outdoors, position the Sound System Deluxe Portable Boom Box and antenna where there are no obvious satellite signal obstructions such as high terrain, trees, overhangs, etc.
4. When installed indoors, unplug the AC Power Adapter from the wall outlet when the Sound System Deluxe Portable Boom Box is not to be used for an extended period of time. If batteries are installed, set the Power On/Off- VOL control to the Off position to prevent unintentional battery discharge, or remove the batteries.
5. To avoid possible damage to the Sound System Deluxe Portable Boom Box caused by battery leakage, it is recommended that the batteries be removed when the Boom Box is not being used for an extended period of time.
6. Do not install or place the Sound System Deluxe Portable Boom Box on an inclined or unstable surface.
7. By adhering to these warnings and safety considerations, serious accidents and/or personal injury can be avoided.

# SAFETY PRECAUTIONS



## CAUTION

**RISK OF ELECTRIC SHOCK DO NOT OPEN**



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



## Dangerous Voltage

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



## Attention

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



## Danger

This product utilizes a Class 1 laser to read COMPACT discs. This laser Compact Disc Player is equipped with safety switches to avoid exposure when the CD door is open and the safety interlocks are defeated. Invisible hazardous laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam. Please do not attempt to defeat or bypass the safety switches.

## FCC Warning

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

## Surge Protectors

It is recommended to use a surge protector for AC connection. Lightning and power surges ARE NOT covered under warranty for this product.

# SAFETY PRECAUTIONS

## Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receive is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Do not open the CD compartment while the CD is rotating.

Always keep the CD compartment closed when not in use.

Keep all foreign objects out of the CD compartment.

Place the unit on a stable surface.

## Avoid installing the unit in locations described below:

- Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
- On top of other stereo equipment that radiates too much heat.
- Placed lacking ventilation or dusty places.
- Places subject to constant vibration.
- Humid or moist places.

## Dear Customer

Selecting fine audio equipment such as the unit you have just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sounds and "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

### To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

### Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

### We Want You Listening For A Lifetime.

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet

### THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE:

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet engine
180	Rocket launching pad



Information courtesy of the Deafness Research Foundation.

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# INTRODUCTION

## Product Overview

Thank you for purchasing this product! Your new Xact Sound System Deluxe Portable Boom Box is specifically designed for the XTR1 Xact Stream | jockey SIRIUS® Radio Receiver.

## Package Contents

Carefully unpack your kit box and ensure that you have the following items.

- Xact Sound System Deluxe Portable Boom Box
- 12v DC Power Adapter
- Antenna
- User's Guide

In the event that any item is missing or if you find any mismatch or damage, promptly contact your dealer.

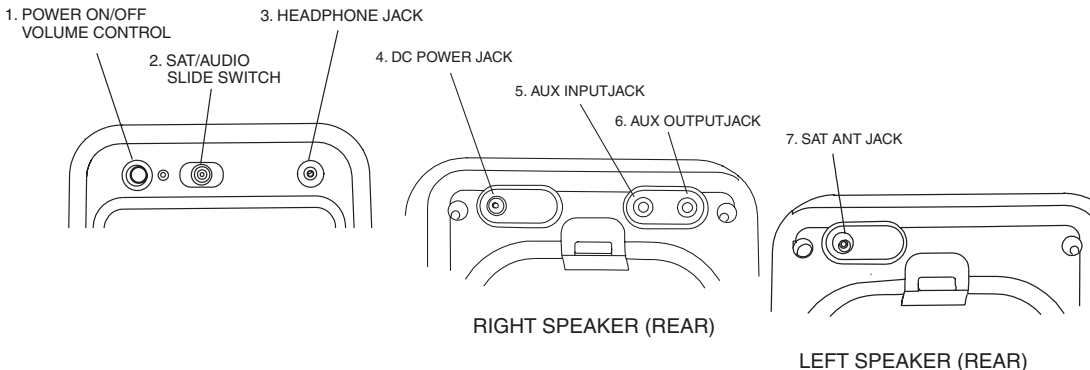
Your Xact Sound System Deluxe Portable Boom Box must be used in conjunction with The XTR1 Xact Stream | jockey SIRIUS® Radio Receiver. Please see these other available accessories below.

- |   |                     |
|---|---------------------|
| • Xact Vehicle Kit:                     | Model Number XS021  |
| • Xact Home Kit:                        | Model Number XS022  |
| • Xact Universal Kit:                   | Model Number XS01UK |
| • Xact Sound Pad Portable Boom Box:     | Model Number XS024  |
| • Xact Sound System Portable Boom Box:  | Model Number XS025  |
| • Xact Power Pod Portable Battery Pack: | Model Number XS028  |

The easiest way to activate your Satellite Radio Receiver is to log on to [sirius.com](http://sirius.com). You may also call 1-888-539-SIRIUS (7474).

## Sound System Deluxe Portable Boom Box

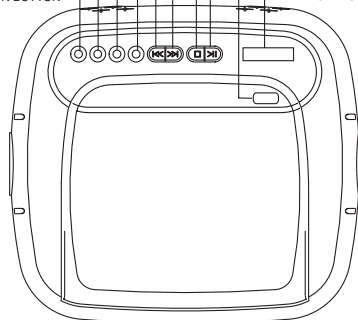
The Xact Sound System Deluxe Portable Boom Box provides Control buttons for CD Player, AM/FM digital tuner. Power On/Off-Volume control and a Slide switch to toggle between Satellite Radio and other audio signal. A power-on LED is also located on the front panel.



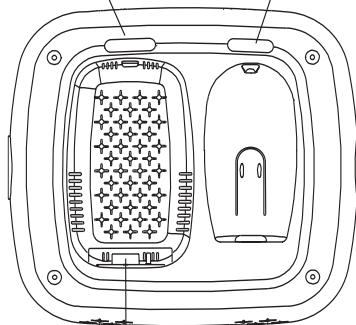
1. **Power On/Off Switch-VOL Control:** Applies power to the Boom Box when rotated clockwise (CW) from the Off position. When in On position, increases or decreases the volume of the audio output signal from the Boom Box. To increase the volume level, rotate the control CW. To decrease the volume level, rotate the control counterclockwise (CCW).
2. **SAT/Audio Selector:** Slide between Satellite Radio and an audio signal( CD, AM/FM, AUX).
3. **Headphones Jack:** Accepts a stereo headphone jack to provide private listening capability for the Boom Box.
4. **DC Power jack:** Plug in the DC Power Adapter output (included) into the DC 12V jack. The batteries are automatically bypassed.
5. **AUX Input Jack:** Accepts an audio input signal from an external audio device. When using AUX audio input, the Receiver will be automatically shut off to preserve battery power. Adjust the volume level of the external audio device to obtain an audio output from the Boom Box. The volume control on the external audio device should be set to mid-range.
6. **AUX Output Jack:** Connect audio jack (not included) if you want to listen the Satellite radio signal, CD audio signal or AM/FM radio signal by your other audio system. Adjust volume level on your audio system.
7. **Satellite Antenna Jack:** Connect satellite antenna terminal. (included).

## Sound System Deluxe Portable Boom Box

- 12. SKIP- / TUNING DOWN
- 11. PROGRAM / MEMORY BUTTON
- 10. MODE BUTTON
- 9. ALBUM / BAND BUTTON
- 8. FUNCTION BUTTON
- 13. SKIP+ / TUNING UP
- 14. STOP / PRESET DOWN
- 15. PLAY / PAUSE PRESET UP
- 16. PUSH OPEN
- 17. LCD DISPLAY



- 18. RELEASE BUTTON FOR SATELLITE RECEIVER
- 19. RELEASE BUTTON FOR REMOTE CONTROL



- 20. CONNECTOR FOR SATELLITE RECEIVER

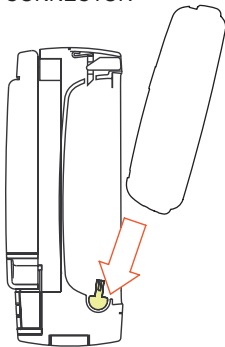
- 8. **Function button:** Push to select a function from CD/TUNER/AUX.
- 9. **Album/Band button:** Tuner mode: Push to select AM or FM band. CD mode: CD audio: No function. MP3 CD: Album (Directory) select.
- 10. **Mode button:** Tuner mode: Push to select FM Mono/Stereo, CD mode: Push to select repeat1/ repeat all/intro/random. MP3 CD: push to select repeat1/repeat Album/repeat/all/intro/random.
- 11. **Program/Memory button:** Tuner mode: Preset memory. CD mode: Program track.
- 12. **Skip-Tuning down:** Tuner mode: Tuning downward. CD mode: Skip track downward.
- 13. **Skip+/Tuning up:** Tuner mode: Tuning upward. CD mode: Skip track upward.
- 14. **Stop/Preset down:** Tuner mode: Preset downward. CD mode: Stop play. Cancel program.
- 15. **Play/Pause/Preset up:** Tuner mode: Preset upward. CD mode: Start and Pause playback memory. CD mode: Program track.
- 16. **LCD Display.**
- 17. **Push open button:** Push open and close the CD door.
- 18. **Release button:** For Satellite receiver.
- 19. **Release button:** For remote control.
- 20. **Connector:** For remote control.

# BOOM BOX SETUP

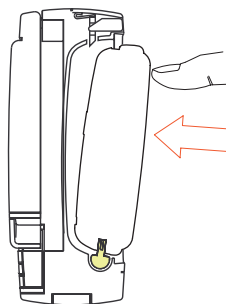
## To set up your Xact Sound System Deluxe Portable Boom Box.

Place the Stream | Jockey Satellite Receiver in the cradle as shown so that the guides are lined up with the Boom Box cradle. Then rotate the receiver forward to engage the connectors. The receiver will lock in place. Turn on the power by rotating the VOL control clockwise from the off position.

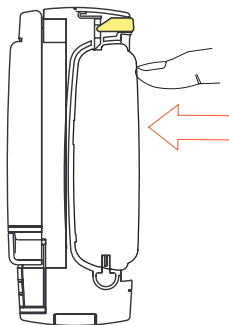
1. PUSH RECEIVER ONTO CONNECTOR



2. ROTATE RECEIVER AND CONNECTOR INTO BOOMBOX



3. LATCH BOOMBOX LOCKS RECEIVER IN PLACE

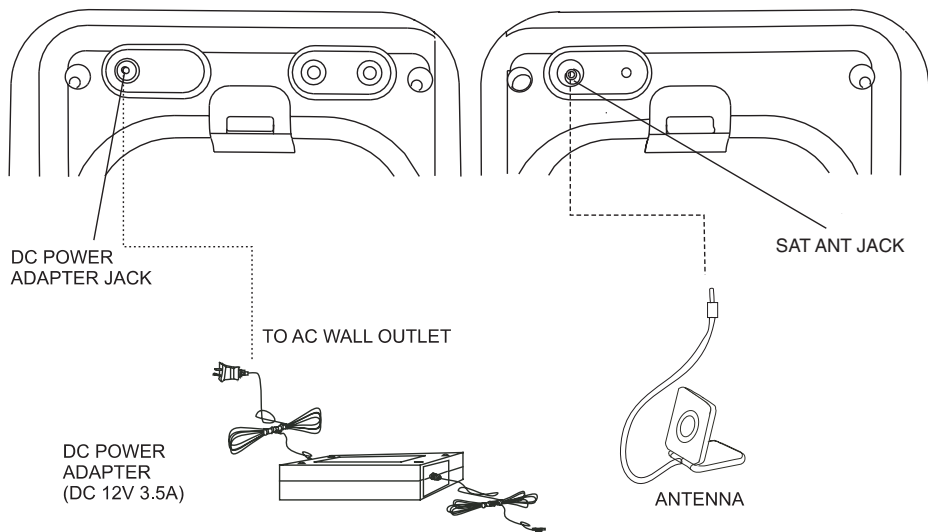


## Installing the Satellite Antenna

Install the Antenna into the Antenna Jack as shown.

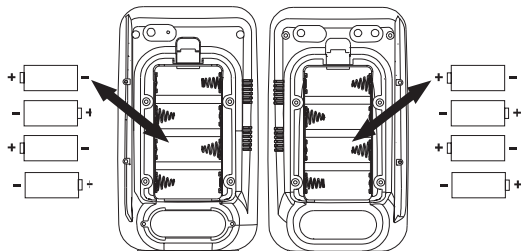
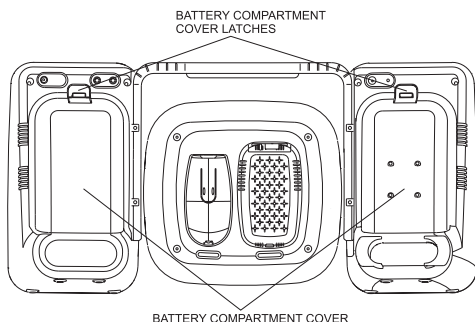
## Installing the Power Cable

Install the adapter into the Power Jack as shown.



## Installing Batteries (optional)

Your Boom Box can also be used with 8 D-Cell batteries as shown:



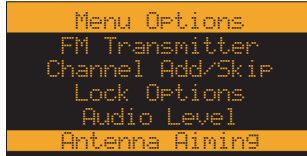
1. Push the battery cover latches down and flip up the battery compartment covers to the open position.
2. Insert the 8 D-Cell batteries follow the battery polarity as shown; then close the cover.

**Note:** The batteries are bypassed automatically whenever the supplied DC Adapter is plugged into the power jack on the back of the Boom Box.

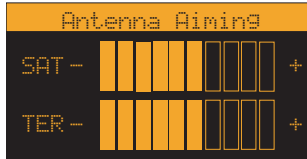
## Antenna Aiming feature found on the Stream | jockey receiver.

To access the Antenna Aiming Feature:

Press the **MENU** button on the Stream | jockey receiver's key pad. Press the  $\Delta$  **CH** or  $\nabla$  **CH** button to scroll to the Antenna Aiming selection and press **SELECT** button.



Upon entering this option, two 10-segment horizontal bar graphs are displayed with a (-) sign to the left and a (+) sign to the right. One is label "SAT" (satellite signal strength) and the other "TER" (terrestrial signal strength). The current setting is indicated on the bar graphs. Rotate the Antenna to receive greater antenna strength. (See SIRIUS® satellite map below).



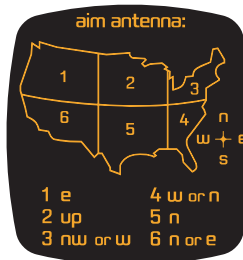
## SIRIUS® Satellite Map

Due to the paths of SIRIUS® satellites over the US, the best location for the antenna in your home depends on where you live. Use the map below as a general placement guideline.

Area 1 : Place the antenna at an EAST - facing window.

Area 2 : Place the antenna OUTSIDE, away from any overhead obstructions.

Area 3 : Place the antenna at a NORTH WEST - or WEST - facing window.



Area 4 : Place the antenna at a WEST - or NORTH - facing window.

Area 5 : Place the antenna at a NORTH - facing window.

Area 6 : Place the antenna at a NORTH - or EAST - facing window.

# AM/FM RADIO OPERATION

## To Listen To The Radio

1. Push the FUNCTION button to the RADIO Position. Press the ALBUM / BAND button to Select a band (AM or FM). If listening to FM, Press the MODE button to select Stereo or Mono.
2. Press and release the Skip/TUNING DN (12) or UP (13) button to tune a station. Press and hold the Skip/TUNING DN (12) or UP (13) button for rapid search tuning.
3. Adjust the VOLUME control. If FM STEREO reception is weak/noisy, press the MODE/ button (10) to Mono, in this case the reception will be monaural.
4. To turn the radio off, rotate POWER ON/OFF volume control counter clockwise.

## Antennas

**AM** - This unit has a built-in ferrite bar antenna, which provides adequate reception in most areas. If reception is weak, turn the unit to improve reception.

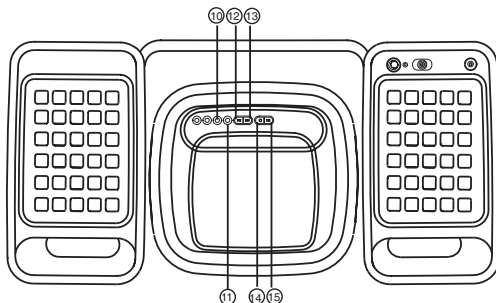
**FM** - This unit has a built-in antenna, which provides adequate reception in most areas. If reception is weak, turn the unit to improve reception.

## Auto Scan

Press and hold the Skip/TUNING or UP button for approximately 1 second and the unit will automatically search for the next available station.

## To Set and Receive a Station into Memory

1. Tune a desired station as described in the previous section. Press the PROG. button; the preset number will blink.
2. Within ten seconds, select the desired preset using the PRESET UP (14) or DOWN (15) button to set the memory. Press the PROG (11) button to confirm.
3. To receive a preset station, simply press the PRESET UP (14) or DOWN (15) button to select the desired preset.





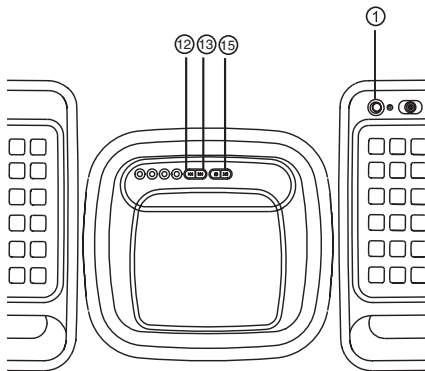
## To Insert and Play a CD

This CD player is designed to play all kinds of Audio Discs and MP3 CD ROMS, such as CD recordables and rewritables. Do not try to play CDI, CDV, DVD or computer CD's in this unit.

1. Press the PLAY/PAUSE/POWER ON button (15) to turn the unit on. Open the CD compartment lid by pushing the CD Door OPEN. Gently press a disc, label side up, onto the spindle until it locks in place. Close the CD compartment lid.
2. Push the FUNCTION button to select the CD position. Press the PLAY/PAUSE to begin playback; the current track and elapsed playing time (CD information and folder will also appear, if using MP3) will appear in the display.
3. Adjust the VOLUME control (1)..
4. When the disc has finished playing, it will stop automatically. Press the STOP button to stop the disc before it is finished.

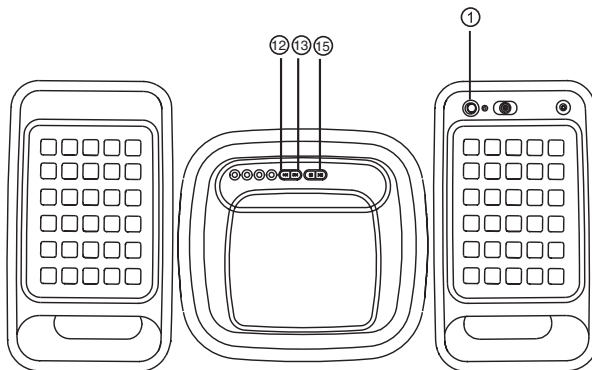
## CD Playback Notes:

- See page 14 for more information on MP3's..
- When recording ("burning") CD's, make sure the session is "finalized" or simply record "burn" only one session. You can find more information in your recorder's manual.
- This unit is capable of playing standard CD's or 3" singles; no adapter is required.
- If a disc is inserted incorrectly, dirty, damaged or not present at all, "No Disc" will appear in the display.
- Playback will stop when you open the CD compartment, but it is not recommended to open the compartment before the STOP button is pressed.
- When recording ("burning") CD's, make sure the session "finalized" or simply record "burn" only one session. You can find more information in your recorder's manual.
- It may take 10 to 30 seconds for the player to read an MP3 CD and begin playback, depending on the number of tracks burned on the CD.
- If a disc is inserted incorrectly, dirty, damaged or not present at all, "No Disc" will appear in the display.



## To Pause a CD

1. During CD playback, if you wish to pause the disc momentarily, press the PLAY/PAUSE button. Playback stops but the disc continues to spin and the elapsed time will blink in the display.
2. Press the PLAY/PAUSE button again to release pause and resume playback. The sound returns and the elapsed time in the display stops flashing.



## To Begin Playback from a Specific Track

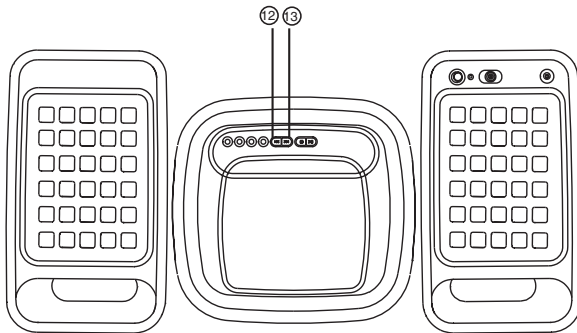
1. After you insert the disc into the CD player and total number of tracks appear on the display, you may press either the Skip/TUNING DN (12) or UP (13) button to select a specific track for playback.
2. When the desired track number (and file number if using MP3) appears in the display, press the PLAY/PAUSE button. Playback will begin with the track (or file) you selected.

## Forward/Reverse Skip Track

1. During playback, press and release the Skip/TUNING UP button once to advance the player to the beginning of the next track. Press the Skip/TUNING UP button repeatedly to advance the player to higher number tracks.
2. During playback, press and release the Skip/TUNING UP button once to move the player back to the beginning of the currently playing track. Press the Skip/TUNING DN button repeatedly to move the player back to lower numbered tracks.

## High-Speed Music Search

During playback, press and hold either the Skip/TUNING DN (12) or UP (13) button to move the player forward or backward within a track to locate a specific musical passage. The player will move forward or backward at high speed as long as the buttons are depressed. When you release the Skip/TUNING DN (12) or UP (13) button, normal playback will resume.



## Repeat Playback of One Track

1. To repeat a single track, while in the Stop mode, press the MODE button once. "1" will appear in the display. Press the Skip/TUNING DN (12) or UP (13) button to select the specific track that you wish to repeat.
2. When the desired track number appears in the display, press the PLAY/PAUSE button to begin playback. The specific track you selected will be repeated continuously. To cancel Repeat playback, press the MODE button repeatedly until the mode indicator disappears.

## Repeat Playback of All Tracks

1. To repeat all the tracks on the CD, press the MODE button twice; "ALL" will appear in the display.
2. Press the PLAY/PAUSE button to begin playback. All tracks on the disc will be repeated continuously. To cancel Repeat playback, press the MODE button repeatedly until the mode indicator disappears.

## Repeat Playback of a Folder (MP3 with folders only)

1. To repeat all files in a directory (MP3 CD only), press the MODE button three times; "ALBUM" will appear in the display. Press the Skip/TUNING DN or UP button to select the specific directory that you wish to repeat.
2. Press the PLAY/PAUSE button to begin playback. All files in the selected directory will be repeated continuously. To cancel Repeat playback, press the MODE button repeatedly until the mode indicator disappears. See page 14 for more info on MP3 format.

## Intro Playback (Will play the first 10 seconds of each track)

1. While in the Stop mode, press the MODE button 3 times (4 times if an MP3 CD with multiple directories is inserted); "INTRO" will appear in the display.
2. Press the PLAY/PAUSE ON button to begin Intro playback. The first 10 seconds of all tracks on the disc will be played in sequence. To cancel Intro playback, press the MODE button repeatedly until the mode indicator disappears.

## To Randomly Play Back a CD

1. While in the Stop mode, press the MODE button 4 times (5 times if an MP3 CD with multiple directories is inserted); "RANDOM" will appear in the display.
2. Press the PLAY/PAUSE button to begin playback. The unit will play all the tracks in random order. When all the tracks have been played, the unit will stop. To cancel Random playback, press the MODE button repeatedly until the mode indicator disappears.

## To Program the Memory (Up to 24 Tracks)

Programming is the ability to pre-select the order in which a series of tracks will be played.

1. While in the Stop mode, press the PROG. button. The track number will blink and "P-01" will appear in the display.
2. Select a track to be programmed using the Skip/TUNING DN or UP button. If using a MP3 disc, see note below.
3. Press the PROG. button to memorize the track. Repeat steps 2 and 3 to program additional tracks up to a maximum of 24 tracks.
4. Press the PLAY/PAUSE button to begin program playback.

### NOTES:

- While in the Stop mode and "P" is in the display, press the "STOP" button to clear the memory.
- MP3: If an MP3 CD is inserted, you will first select the directory number in step 1, press the PROG. button and then enter the file/track number.

## NOTES ON PROGRAM PLAYBACK:

- You can review the program by pressing the PROG. button repeatedly while in the Stop mode.
- To add track to the program memory, simply press the PROG. Button repeatedly until the track (directory if using an MP3) appears as "00" in the display, then continue as per the steps 2 and 3 on the previous page.
- Press the STOP button to stop the program before it is finished (the program memory will be kept).
- Each file may be stored in the program memory as many times as desired (up to 24 files).
- You can scroll through the program while it is playing using the Skip/TUNING DN or UP button.

## MP3 FAQ's – Frequently Asked Questions

### Please read before playing an MP3 CD.

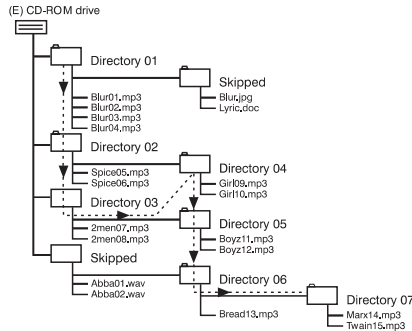
- **Does the unit support packet write CD - RW?**  
Yes, it can. You can add or delete MP3 files without reformatting. It appears like a PC hard drive.
- **Can the unit read regular music CD's?**  
Yes, it can. However you can not mix MP3s and WAV files on the same CD. If you do this your Portable MP3 CD Player will play only the MP3 Files.
- **Does the unit have Electronic Skip Protection built-in?**  
Yes, it has an anti-shock buffer. What it means for the everyday user is that it can withstand road bumps, shaking, etc. There will be no skipping when you jog or run on a treadmill or drive on a bumpy road.
- **Can I use the MP3 Extension for non-audio data files?**  
No, this may result in serious malfunction and harmful noise interference.
- **Can I mix MP3 files with other file types on the CDR?**  
Yes, but your Player will ignore those files and read only the MP3 files on the CDR.
- **Does the unit support multi-session CDR's?**  
If the MP3 CD is not finalized, you can burn a new group of MP3 files until the CD is full.
- **Does the unit support subdirectories (sub-folders)?**  
Yes, the unit can read MP3 files from sub-folders.

## Single Session

The following chart is an example of a Windows Explorer display that will appear on your computer monitor for a single session MP3 CD ROM with directories/albums. Check the added notes to help you understand the MP3 CD unit display and the playback sequence of directories/albums and tracks on a single session MP3 CD.

## Multi Session

The computer user does not need to finalize the CDR disc as music is burned on the CD. Because of this, the music can be downloaded at different times until the whole CD is full.



## NOTES:

- The arrow pathway shows the sequence of MP3 directory and file playback.
- This example has a total of seven MP3 directories.
- Based on this layout, the first file will be "Blur01.mp3" and the last file will be "Twain15.mp3".
- "Skipped" denotes a directory which contains non-audio files only, e.g. jpg, wav, etc. These cannot be detected played on this player. When an album contains mixed format files, the non-MP3 files will be skipped.

# SPECIFICATIONS

## AUDIO SECTION

Nominal Output Power per Channel	5.0 Watts Rms
Total Harmonic Distortion (THD)	0.3% at 1 Watt
Frequency Response	30Hz to 20kHz
Signal-to-Noise Ratio	>65dB Maximum
Speaker Impedance	8 Ohms Nominal
Headphone Output Impedance	32 Ohms
Headphone Output Level	500 mV (Maximum)
Headphone Connector Type	3.5 mm Stereo Jack
Auxiliary Input Impedance	6K-Ohms Nominal
Auxiliary Input Level	2.0 Volts (Maximum)
Auxiliary Connector Type	3.5 mm Stereo

## CD SECTION

MPEG Rate	32-38Kbps
Sampling Frequency	8/11.025/12KHz for MPEG2.5 15/22.05/24KHz for MPEG2 32/44.1/48 KHz for MPEG1

## TUNER SECTION

MP3 Playback	ISO9660 format compatible
Frequency Range (FM)	87.5 - 108MHz
Frequency Range (AM)	530 - 1720 kHz

**Check the CD burner/recorder's documentation to see if it complies with these specifications.**

# PROBLEM SOLVING

For your assistance, we have listed a few common problems below.

SYMPTOM	CAUSE	SOLUTION
System does not turn on	Receiver is set to off	Turn Receiver power on using the Receivers
	Batteries not installed or intalled incorrectly	Power Button Install batteries observing correct polarity
Boombox does not operate using batteries	As long as the AC power connector is attached to the rear panel of the Boombox battery operation is disabled	Remove powe connector from rear panel of Boombox
Intermittent operation	Low battery level	Replace batteries
Antenna not Detected Message	Satellite antenna not connected	Connect satellite antenna to rear panel of Boombox
	Receiver not firmly seated in cradel	Press the Receiver lower left sand right sides to ensure that the connectors are firmly mated
Acquiring Signal Message	Check for obstacles over or around antenna	Change location to eliminate nearby obstacles (bridges, etc.)
No sound from Boombox speakers	Headphones installed	Remove headphones
	SAT/AUDIO selector switch is in the incorrect position	Switch to the desired audio position (SAT) or AUDIO



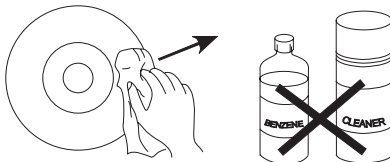
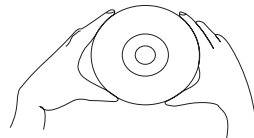
# PROBLEM SOLVING

SYMPTOM	CAUSE	SOLUTION
Disc will not play	CD compartment not closed	Close CD compartment
	Disc inserted incorrectly	Reinset disc correctly
	Dirty or defective disc	Try another disc
	Moisture condensation on disc	Wipe disc with soft cloth
Erratic CD playback	Dirty or defective disc	Clean or replace disc
No sound from headphones	Headphone plug not inserted correctly	Reinsert headphone plug correctly
	VOLUME control set to minimum	Increase volume
	Weak batteries	Replace batteries
	Defective disc	Try another disc
Noise or sound distorted on radio	Station not tuned properly for AM or FM	Retune AM or FM broadcast station
	AM: Unit is not positioned correctly	Rotate unit until best reception is obtained
FM STEREO indicator does not light	Poor FM signal	Retune station
	MODE button not set to Stereo	Press MODE button to turn to Stereo

# CARE AND MAINTENANCE

## Caring for Compact Discs

- Treat the compact disc carefully. Handle the compact disc only by its edges. Never allow your fingers to come in contact with the shiny, unprinted side of the compact disc.
- Do not attach adhesive tape, stickers, etc. to the compact disc label.
- Clean the compact disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the compact disc. If necessary, use a CD cleaning kit.
- If a compact disc skips or gets stuck on a section of the compact disc, it is probably dirty or damaged (scratched).



- When cleaning the compact disc, wipe in straight lines from the center of the compact disc to the outer edge of the compact disc. Never wipe in circular motions.
- Compact discs should be stored in their cases after each use to avoid damage.
- Do not expose compact discs to direct sunlight, high humidity, high temperatures, or dust, etc. Prolonged exposure or extreme temperatures can warp the compact disc.
- Do not stick or write anything on either side of the compact disc. Sharp writing instruments, or the ink may damage the surface.

## Cleaning the unit

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on your unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.
- Mild soap and a dry cloth may be used on the front panel.

# CARE AND MAINTENANCE

## Periodic Inspection

The Sound System Deluxe Portable Boom Box should be inspected periodically for external damage. At least once every 30 days of use, perform the following checks:

- Inspect the Receiver connector for loose, bent or broken pins, misalignment, etc.; make sure the SAT connector is intact and exhibits no apparent damage..
- Check the VOL control for freedom of motion without binding of any kind.
- Check that the SAT/Audio Selector operates correctly and that it toggles between the Satellite Radio output and the Audio output.
- Make sure the antenna connector at the rear of the unit is free from damage of any kind and that the antenna lead plug mates correctly and securely.
- Make sure the DC 12V connector at the rear of the unit is also free from damage of any kind and that the AC Adapter plug mates correctly and securely.
- Check the antenna for any physical damage; make sure the antenna lead is secure and not nicked or frayed.
- Inspect the overall Boom Box case and speaker grills for damage such as nicks, scratches punctures, etc.

## Cleaning the Sound System Deluxe Portable Boom Box

When cleaning the Boom Box, make sure the AC Adapter is unplugged from the power source. Do not use liquid cleaners or aerosol cleaners. Use a lint-free cloth lightly dampened with water for cleaning the exterior of Boom Box only.

## Warranty Information

### XACT Communication

#### One-Year Limited Warranty

This limited warranty sets forth all **XACT Communication** responsibilities regarding your product. There are no other expressed or implied warranties from **XACT Communication**.

### Warranty Service Provided

If you purchased the product new from a retail vendor, **XACT Communication** warrants the equipment against defects in material and workmanship for a period of one (1) year from the original date of purchase. This warranty is in lieu of all other express warranties. This warranty begins when you purchase the product and continues for one (1) year unless you sell or rent the unit, in which case the warranty stops.

**XACT Communication** disclaims any implied warranty, including the warranty of merchantability and the warranty of fitness for a particular purpose, as of the date of one year from your original purchase of the product. **XACT Communication** assumes no responsibility for any special, incidental, or consequential damages.

This warranty gives you specific legal rights and you may have other rights which vary from state to state. Some states do not allow the exclusion or limitations of special, incidental, or consequential damages or limitations on how long a warranty lasts, so the above exclusion or limitation may not apply to you.

# WARRANTY

## Warranty Service Not Provided

This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorized modification, or the affixing of any attachment not provided by **XACT Communication** with the equipment, and/or loss of parts. This warranty is voided in the event any unauthorized person opens, alters, or repairs the product.

All **XACT Communication** equipment being returned for repair must be suitably packaged.

## What To Do for Warranty Service

During the first thirty (30) days, a defective product is eligible for over-the-counter exchange at the retailer from whom it was purchased. After thirty (30) days, the defective product should be returned to the authorized service center. Please allow a minimum of 2-3 weeks for the return of your product. For the shipping address of the authorized service center, call one of the telephone numbers given below.

Your product will be repaired or replaced if examination by the service center determines the product is defective. Products received damaged as a result of shipping will require you to file a claim with the carrier prior to repair. A product received with missing parts or with damage due to abuse, inadequate packing or some other noncompliance with this limited warranty will be returned to you C.O.D., freight collect.

**NOTE:** A product received which was not made by **XACT Communication** or which is not defective as determined by our test procedures will not be repaired and will be returned to you C.O.D., freight collect.

# WARRANTY

## To Obtain Warranty Service

- Provide proof of the date of purchase within the package.
- Prepay all shipping costs to the authorized service center.
- Include a return shipping address within the package.

Please retain your sales receipt, the carton, the packing materials, and the printed material. The original carton is the best shipping container for the Product should you have to return it.

## For your reference:

Model Number \_\_\_\_\_

ESN Number \_\_\_\_\_

S/N Number \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Name of Dealer \_\_\_\_\_

***XACT Communication Customer Service Telephone Number:  
1-866-466-XACT (9228)***

***OUTSIDE THE U.S.A. AND CANADA CALL: 1-212-481-7950***

***Visit Us on the Web: [www.getxact.com](http://www.getxact.com)***



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